

# LOW COST PORTABLE SEDIMENT PRESS



## OPERATIONAL PROCEDURE



**1**

Screw off the  
lid at the top of the  
sediment press



**2**

Put the stainless steel grid filter disc in the sediment press and push it down to the bottom of the cylinder



**3**

Put the sediment press vertically in the pore water collecting container until the ring in the middle of the press rests on the edge of the container



## 4

Put the filter paper disc in the sediment press and push it down to the bottom, onto the stainless steel grid filter disc.

N.B. Make sure that the filter paper disc fits closely to the whole surface of the stainless steel grid filter disc



**5**

Fill the sediment  
press to half of its  
contents with  
sediment or sludge

(= about 1 liter of sediment  
or sludge)



**6**

Place the rubber  
ring in the lid



**7**

Put the lid back on  
top of the sediment  
press



**8**

Screw the lid firmly  
on the cylinder to  
close the sediment  
press tightly



9

Connect the  
sediment press  
to the air  
compressor



**10**

Switch on the compressor and wait till its reservoir is filled with air



**11**

Adjust the pressure of the compressor to a maximum of 2 bar

# 12

The pore water will slowly drop from the tube at the bottom of the cylinder, into the collecting container

N.B. Depending of the type of sediment or sludge, the time needed to extract most of the pore water will vary from a few hours to half a day

